Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Graphing Linear Equations**

Use the equations to create a function table. Graph the ordered pairs on the coordinate plane and then tell what type of slope each line has.

**1)** $y=2x+4$



|  |  |  |  |
| --- | --- | --- | --- |
| ***x*** | **Equation** | ***y*** | **(*x,y*)** |
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|  |  |  |  |

Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**2)** $y=5x-3$

|  |  |  |  |
| --- | --- | --- | --- |
| ***x*** | **Equation** | ***y*** | **(*x,y*)** |
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Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3)** $y= -3x+1$

|  |  |  |  |
| --- | --- | --- | --- |
| ***x*** | **Equation** | ***y*** | **(*x,y*)** |
|  |  |  |  |
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Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**4)** $y= -2x+6$

|  |  |  |  |
| --- | --- | --- | --- |
| ***x*** | **Equation** | ***y*** | **(*x,y*)** |
|  |  |  |  |
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Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**5)** $y= -x+5$



|  |  |  |  |
| --- | --- | --- | --- |
| ***x*** | **Equation** | ***y*** | **(*x,y*)** |
|  |  |  |  |
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|  |  |  |  |

Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**6)** $y=6x-5$

|  |  |  |  |
| --- | --- | --- | --- |
| ***x*** | **Equation** | ***y*** | **(*x,y*)** |
|  |  |  |  |
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Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**7)** $y= \frac{3}{4}x-3$



|  |  |  |  |
| --- | --- | --- | --- |
| ***x*** | **Equation** | ***y*** | **(*x,y*)** |
|  |  |  |  |
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Slope: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_